

Claims:

1. A slat roller for controlling the movement of moving web of indefinite length material, comprising:
  - a rotatable roller body having a longitudinal axis,
  - 5 a plurality of slats mounted on a circumference of the roller body in such a fashion that the slats may translate from a first position in a direction parallel to the longitudinal axis when the slats are in contact with the moving web, and
  - 10 a slat repositioning device for moving the slats towards the first position when the slats are not in contact with the moving web, the translation of slats permitting a non-normal angle of incidence of the web to the longitudinal axis.
2. A system for inverting a moving web of indefinite length material, comprising: employing at least one slat roller of claim 1.
- 15 3. A system for inverting a moving web of indefinite length material, comprising:
  - a first slat roller of claim 1 and a second slat roller of claim 1;
  - one or more rollers for conveying the moving web between the first slat roller and the second slat roller, such that
  - when the moving web, starting in a first orientation, is directed around the first slat
  - 20 roller, the one or more rollers and the second slat roller, it emerges in a second orientation which is inverted from the first orientation.
- 25 4. The system for inverting a moving web of indefinite length material according to claim 3 wherein the first and the second slat rollers are rotatably mounted with their longitudinal axes generally perpendicular to each other.
- 30 5. The system for inverting a moving web of indefinite length material according to claim 3 wherein each of the first and the second slat roller further comprises a stationary cam for moving the slats towards the first position when the roller is turned passively by contact with the moving web.